

VAAL BARRAGE AND VAAL DAM DAILY FLOW INFORMATION 2018

VAAL BARRAGE @ 07h00			27 Jan Sat	28 Jan Sun	29 Jan Mon	30 Jan Tue	31 Jan Wed	1 Feb Thu	2 Feb Fri
Level (m)			7.54	7.51	7.50	7.57	7.51	7.48	7.50
Flow (m ³ /s)			10.12	44.628	10.093	25.314	54.728	22.533	10.093
Average flow day before (m ³ /s)			12.551	28.484	19.683	19.633	48.755	31.178	11.120
Minimum flow day before (m ³ /s)			10.100	10.120	10.039	10.093	25.314	22.518	10.073
Maximum flow day before (m ³ /s)			44.721	44.876	44.628	25.331	54.955	54.728	22.533
Rainfall day before (mm)			18.0	14.0	4.5	0.0	5.0	0.0	0.0
Evaporation (mm)			0.5	6.0	4.8	1.0	7.0	3.0	4.0
Conductivity (mS/ml)			65.7	67.2	68.3	68.0	67.2	69.1	69.8
Lethabo river level (m)			2.57	2.58	2.57	2.53	2.58	2.56	2.56
No. of gates open	Inches open	Flow / gate (m ³ /s)	Temp (°C)	Date	Notes				
1	1x6"	10.120	22.8	27 Jan					
1	1x27"	44.628	22.5	28 Jan					
1	1x6"	10.093	23.8	29 Jan					
2	1x6"/1x9"	25.314	20.3	30 Jan					
2	1x6"/1x27"	54.728	20.8	31 Jan					
1	1x13.5"	22.533	20.4	1 Feb					
1	1x6"	10.093	20.6	2 Feb					

VAAL DAM @ 06h00			27 Jan Sat	28 Jan Sun	29 Jan Mon	30 Jan Tue	31 Jan Wed	1 Feb Thu	2 Feb Fri
Level (m)			20.720	20.740	20.750	20.760	20.770	20.770	20.790
Full (%)			79.12	79.34	79.44	79.55	79.66	79.66	79.88
Inflow (m ³ /s)			72.40	75.40	89.90	111.90	96.80	75.60	99.90
Discharge (m ³ /s)			16.77	16.77	16.77	16.77	16.77	16.77	16.77
Number of river valves open and % discharge			1x100% 1x50%	1x100% 1x50%	1x100% 1x50%	1x100% 1x50%	1x100% 1x50%	1x100% 1x50%	1x100% 1x50%
Number of gates open			0	0	0	0	0	0	0

Information supplied on behalf of Rand Water and the Department Water & Sanitation
Please Note: Not all abstraction and evaporation losses from Vaal Dam are reflected in the above data